1) Find $x$ in the triangle below, giving your answer to 3 significant figures. [1]

![Triangle 1](image1)

2) Find $x$ in the triangle below, giving your answer to 3 significant figures. [1]

![Triangle 2](image2)
3) Find $x$ in the triangle below, giving your answer to 3 significant figures. [1]

4) Find $x$ in the triangle below, giving your answer to 3 significant figures. [1]

5) Find $x$ in the triangle below, giving your answer to 3 significant figures. [1]
6) Find $x$ in the triangle below, giving your answer to 3 significant figures. [1]

7) Find $x$ in the triangle below, giving your answer to 3 significant figures. [1]

8) Find $x$ in the triangle below, giving your answer to 3 significant figures. [1]
9) Find $x$ in the triangle below, giving your answer to 3 significant figures

10) Find $x$ in the triangle below, giving your answer to 3 significant figures

11) Find $x$ in the triangle below, giving your answer to 3 significant figures
12) Find $x$ in the triangle below, giving your answer to 3 significant figures

13) Find angle $x$ in the triangle below, giving your answer to 1 decimal place.

14) Find angle $x$ in the triangle below, giving your answer to 1 decimal place.
15) Find angle $x$ in the triangle below, giving your answer to 1 decimal place. [1]

16) Find angle $x$ in the triangle below, giving your answer to 1 decimal place. [1]

17) Find angle $x$ in the triangle below, giving your answer to 1 decimal place. [1]
18) Find angle $x$ in the triangle below, giving your answer to 1 decimal place.
Solutions for the assessment Trigonometry - finding sides and angles

1) \( x = 4.69 \text{ cm} \)  
2) \( x = 4.41 \text{ cm} \)

3) \( x = 16.9 \text{ cm} \)  
4) \( x = 4.17 \text{ cm} \)

5) \( x = 22.3 \text{ cm} \)  
6) \( x = 5.28 \text{ cm} \)

7) \( x = 12.8 \text{ cm} \)  
8) \( x = 8.49 \text{ cm} \)

9) \( x = 4.43 \text{ cm} \)  
10) \( x = 1.15 \text{ cm} \)

11) \( x = 6.61 \text{ cm} \)  
12) \( x = 8.55 \text{ cm} \)

13) \( x = 53.1^\circ \)  
14) \( x = 48.6^\circ \)

15) \( x = 51.3^\circ \)  
16) \( x = 19.5^\circ \)

17) \( x = 23.2^\circ \)  
18) \( x = 48.2^\circ \)